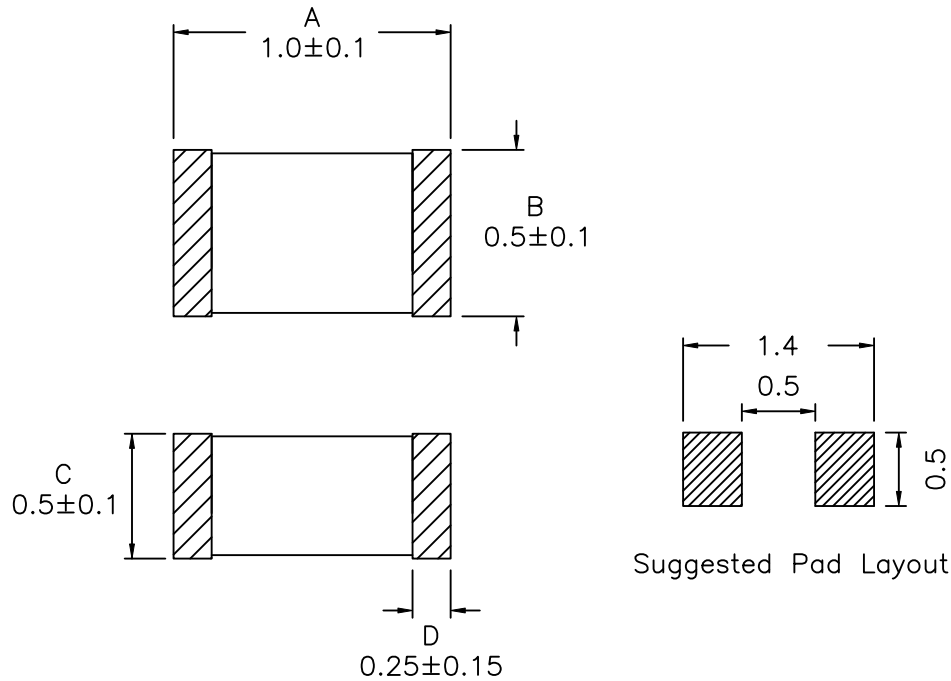


## 1. Mechanical Dimensions:



### Notes:

1. Solderability: Leads shall meet MIL-STD-202, Method 208D for solderability.
2. Flammability: UL94V-0
3. ASTM oxygen index: > 28%
4. Insulation System: Class F 155°C. UL file E151556
5. Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +85°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity:  $\pm 0.004'' (0.102\text{mm})$
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component
11. AEC-Q200 Certified Product

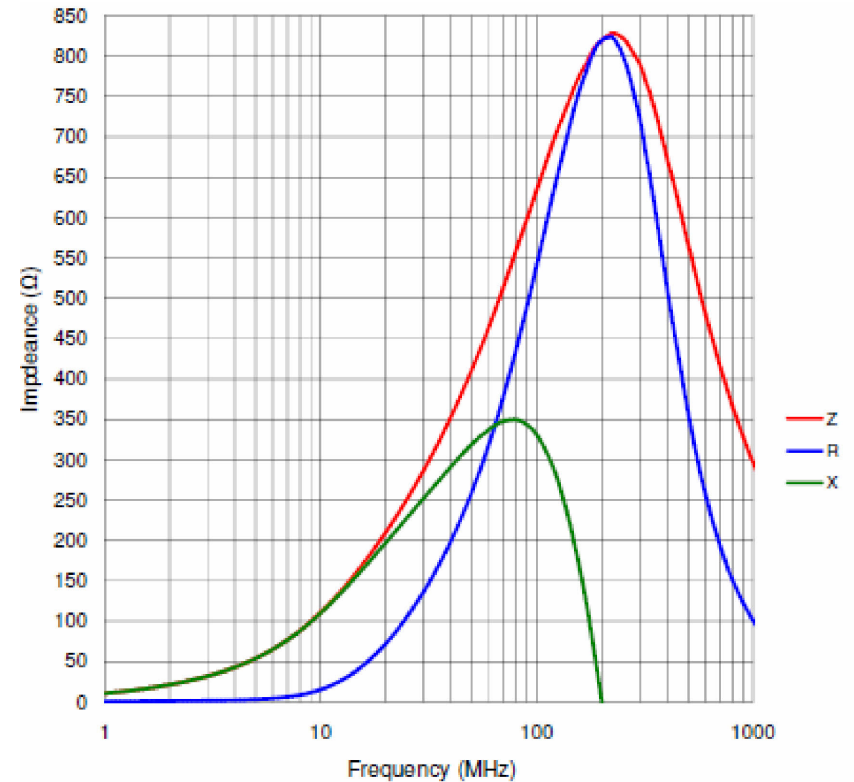
DOC REV: A/1

## 2. Electrical Specifications: @25°C

INDUCTANCE:  $600 \pm 25\%$  Ohms @100MHz

DCR: 0.80 Ohms Max

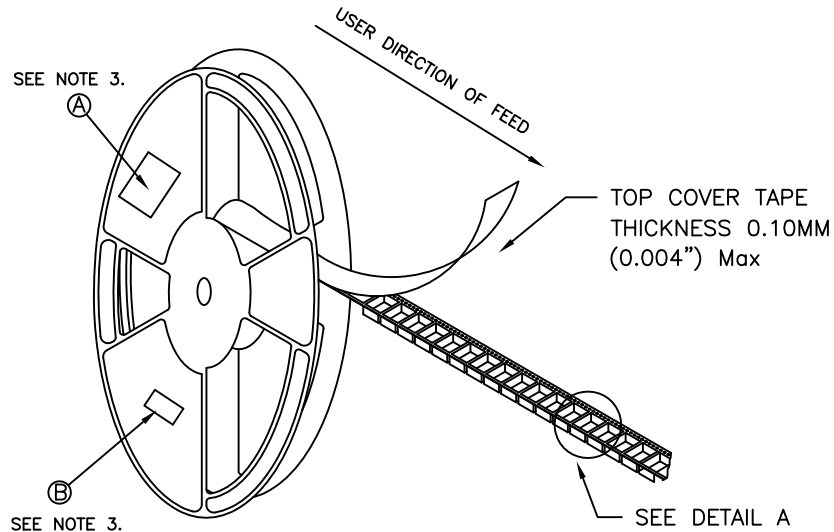
Idc: 500mA Max



<b>XFMRs®</b> <a href="http://www.XFMRS.com">www.XFMRS.com</a>		Title: Ferrite Bead		
		P/N: XFEB100505-601-0.5A	REV. A	
UNLESS OTHERWISE SPECIFIED TOLERANCES: N/A Dimensions in MM		DWN.	Xiang	Nov-13-20
		CHK.	YK Liao	Nov-13-20
SHEET 1 OF 1		APP.	TCH	Nov-13-20

**PROPRIETARY** Document is the property of XFMRs Group & is not allowed to be duplicated without authorization.

# TAPE AND REEL SPECIFICATION:



REEL AND TAPE ORIENTATION

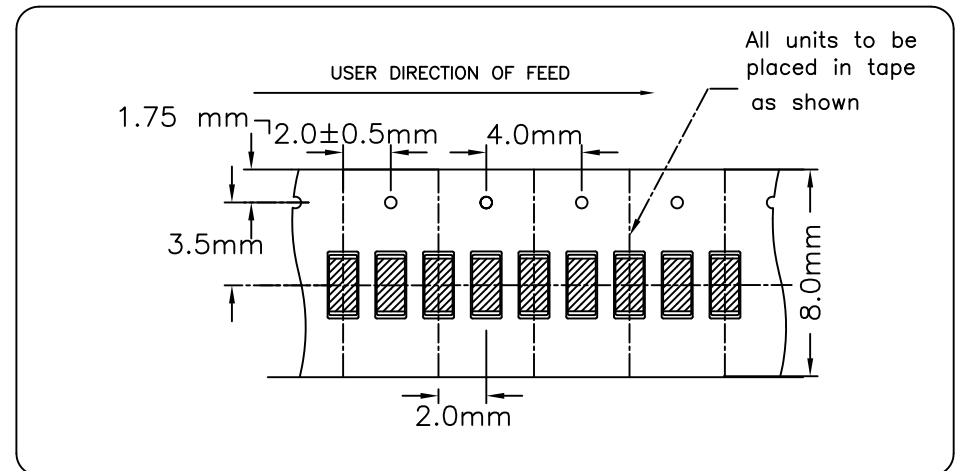
**7" REEL DIAMETER**

## NOTES:

- 1) PROCESS IN ACCORDANCE WITH EIA-481-2 STANDARDS
  - \* TAPE LEADER DIMENSION 15.30" MIN.
  - \* TAPE TRAILER DIMENSION 6.30" MIN.
- 2) PARTS SHOULD BE PACKAGED IN ACCORDANCE WITH ESD GUIDELINES IN EIA-541.
- 3) REEL LABEL: 'A' \* PART NUMBER
  - \* QUANTITY
  - \* DATE CODE

'B' - ANTI-STATIC CAUTION LABEL
- 4) 10000PCS PER 7" REEL

DETAIL A

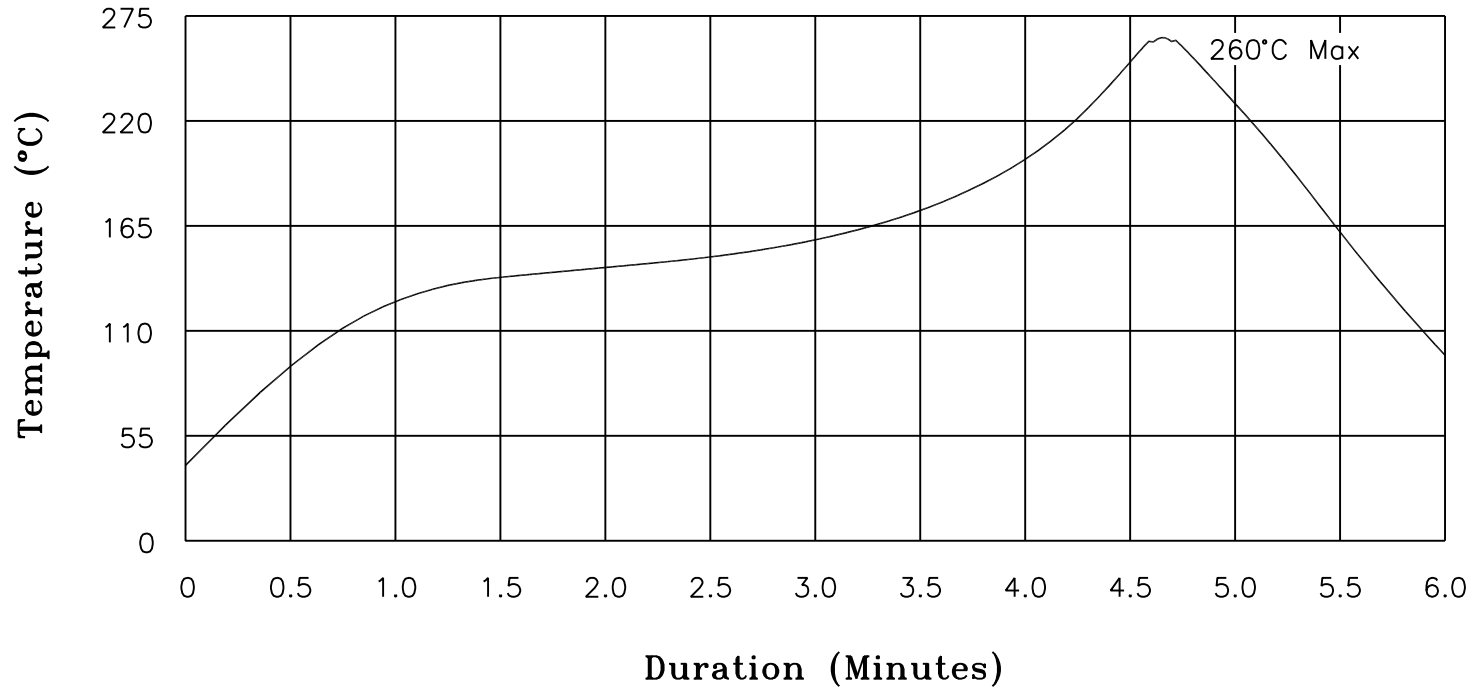


DOC. REV. A/1

<b>XFMR5 Inc</b>	Title: T&R SPEC			
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxs ±0.10 Dimensions in mm	P/N: XFEB100505 Series		REV. A
		DWN.	KONG	Jul-20-06
		CHK.	YK Liao	Jul-20-06
SHT 2 OF 2	APP.	MS	Jul-20-06	

# XFMRs

## Recommended Infrared Reflow Temperature Profile for RoHS Compliant Parts



NOTES: Maximum duration at 260°+0/-5° shall be 10-15 seconds.  
 Maximum duration above 217° shall be 60-150 seconds.  
 ALL Temperatures refer to topside of the package, measured on the package body surface.

<b>XFMRs Inc</b> www.XFMRs.com	Title: <b>IR REFLOW CHART</b> <b>(RoHS Compliant parts)</b>		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: N/A		P/N: N/A REV. A
SHEET 1 OF 1	DWN.	Juan Mao	Jan-16-05
	CHK.	YK Liao	Jan-16-05
	APP.	MS	Jan-16-05

**PROPRIETARY** Document is the property of XFMRs Group & is not allowed to be duplicated without authorization.